Literature Research for Mechanical Engineering

RESOURCES FOR CMU/ CU-BOULDER MECHANICAL ENGINEERING STUDENTS
Find articles, books, standards & more

- Libraries website: [http://www.colorado.edu/libraries/](http://www.colorado.edu/libraries/)
- Engineering Subject Guide: [http://libguides.colorado.edu/eng](http://libguides.colorado.edu/eng)
Options to access online resources from anywhere

- **Proxy access**
  - Access electronic resources from links on the library web site
  - When prompted, log in with your identikey and password

- **VPN**
  - Install Cisco AnyConnect
  - Open and log in to access links opened from anywhere
  - More info: [http://www.colorado.edu/libraries/services/campus-access](http://www.colorado.edu/libraries/services/campus-access)
Finding books & articles

- Search for books, journals, and articles in OneSearch:  
  http://ucblibraries.summon.serialssolutions.com/
- Follow the “Full text online” links to get ebooks & articles.
Request books for delivery from CU

- Request books for delivery to CMU from Prospector: [http://encore.coalliance.org/iii/encore/?lang=eng](http://encore.coalliance.org/iii/encore/?lang=eng)
- Choose “Alliance – Colorado Mesa University” from the list
- Enter your info, and in 3-5 days the book will be ready for you to pickup!
Request print articles for delivery from CU

- This is unlikely to happen!

- But if it does, request a scanned copy of a print article from CU:
Getting started & finding properties

- Find Articles & Databases > Engineering > Mechanical Engineering
  - http://libraries.colorado.edu/search/j?SEARCH=Mechanical+Engineering
  - EngNETbase
    - Great source for handbooks
- Knovel
  - Good source for handbooks, lots of data that can be plugged in to Excel
    - http://0-app.knovel.com.libraries.colorado.edu/web/
Finding Standards

- ASTM standards and engineering digital library
  - Don’t see what you need? Email us.
  - We might have it, or we can purchase on demand!
  - Email [gemmill@Colorado.edu](mailto:gemmill@Colorado.edu) to request a standard.
Finding scholarly articles

- **Engineering Village**
  - Key subject database for engineering
  - Consists of a search of Compendex and Inspet

- **Web of Science**
  - Helps you find the top tier of journal literature
  - Covers all disciplines, not just engineering
  - Good place to start
  - [http://0-apps.webofknowledge.com.libraries.colorado.edu](http://0-apps.webofknowledge.com.libraries.colorado.edu)
Staying organized

- Managing your citations and PDFs can be a challenge during research. Keep track of your resources with Zotero or Mendeley.
  - Zotero is a very user-friendly open source management tool
    - Get started at https://www.zotero.org/
  - Mendeley is a free tool that works well with PDF management.
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Ask a Question

- Email gemmill@Colorado.edu
  - We’ll get your question to the person best able to handle it ASAP
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